

FIG. 1

130

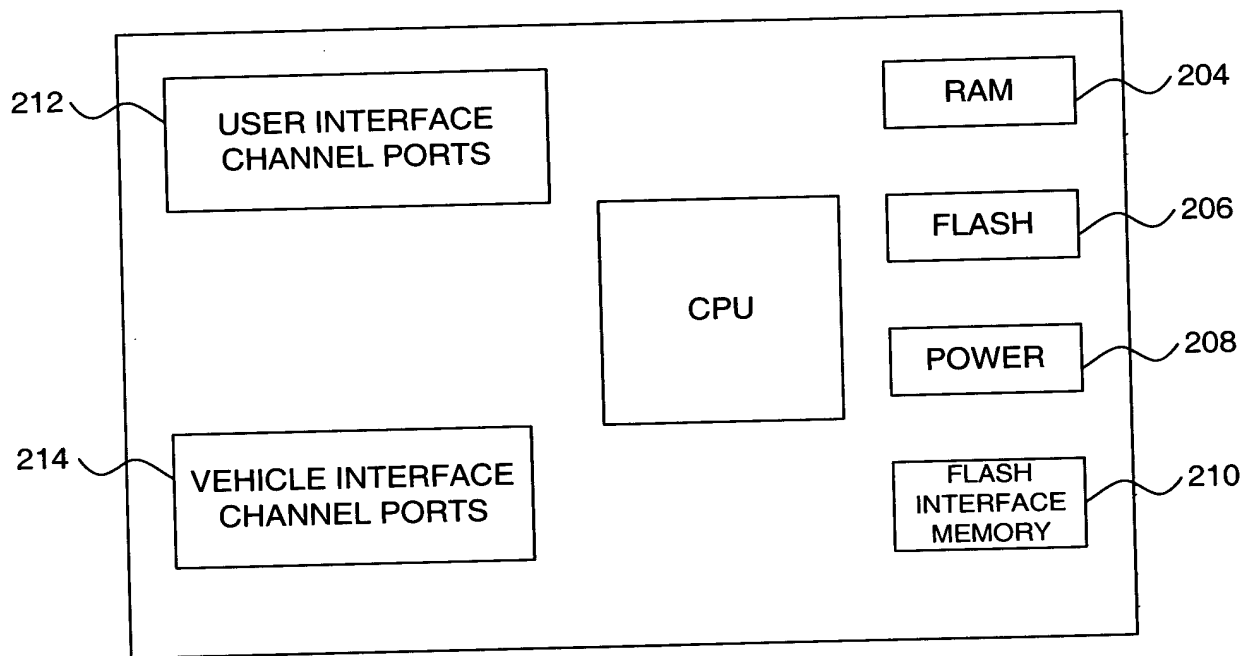


FIG. 2A

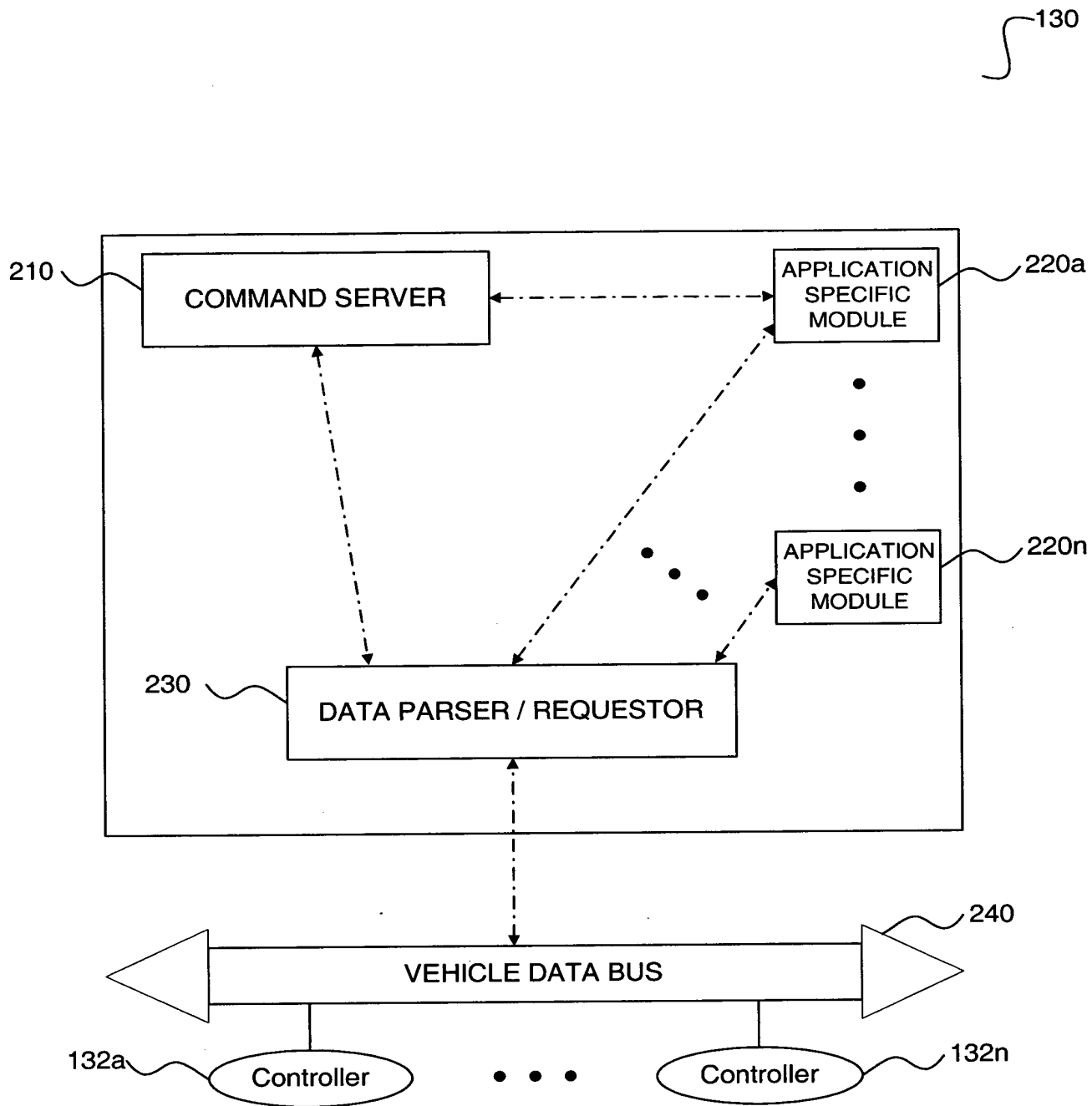


FIG. 2B

00340785-081800

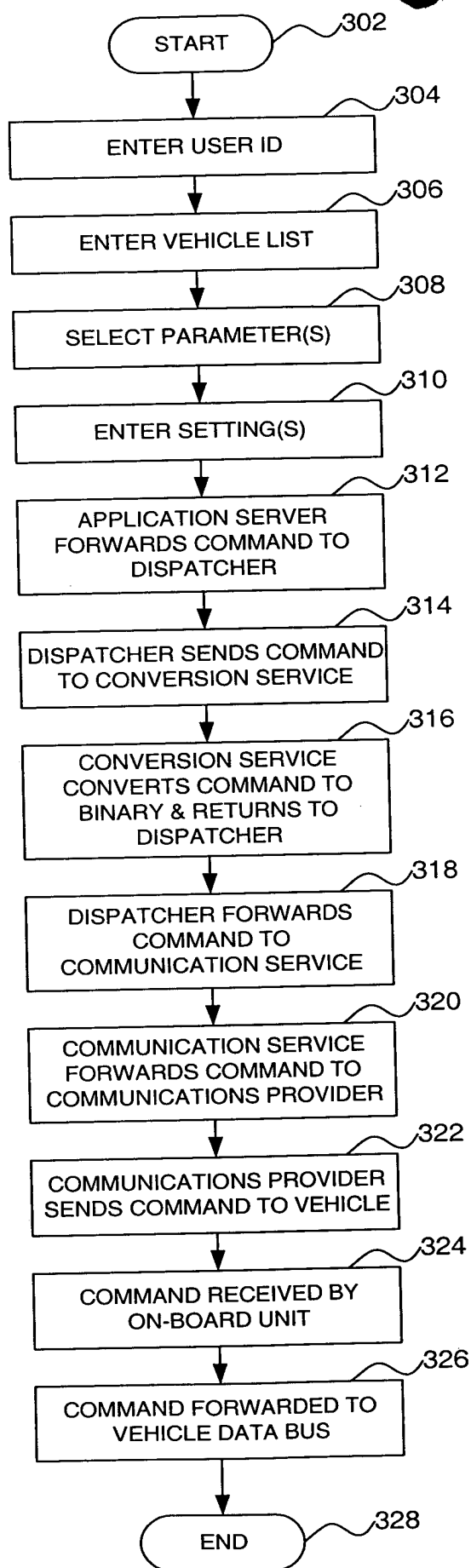


FIG. 3

# FLEET MONITOR

## Alerts

Setup

View

## Parameters

Setup

View - Trans

View - Date

## Alert - Setup

Select Fleet  
MPST DDEC Fleet



402

## Set Alert Reporting

Checked boxes will enable alert reporting from the corresponding vehicle.  
Un-checked boxes will disable alert reporting from the corresponding vehicle.

404

404

408

Vehicle Unit ID	Description	T. Codes	Tamper
DDEC 1	Sterling Truck ST9500 2000	<input type="checkbox"/>	<input type="checkbox"/>
DDEC 2	Freightliner Century 2000	<input type="checkbox"/>	<input type="checkbox"/>

Select All

Select All

Clear All

Clear All

Submit

FIG. 4A

09640785 081300

400

# FLEET MONITOR

## ■ Alerts

▶ Setup

▶ View

## ■ Parameters

▶ Setup

▶ View - Trans

▶ View - Date

## ■ Reprogramming

▶ Setup

▶ View

## Alerts - View



Select Date Range  
01/01/2000 to 08/15/2000



Select Fleet  
MPSI DDEC Fleet



View Results  
The results of your query are shown below. Records are displayed in reverse date order.

Reading Date/Time	Vehicle Unit ID	Parameter Name	Alert Value
08/03/2000 06:08:47	DDEC 2	Vehicle Speed Limit	Tamper Alert on VEHICLE SPEED LIMIT! Value changed from 70 mph to 80 mph.
08/03/2000 06:08:42	DDEC 2	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 34; PID: 102; FMI: 4; TURBO BOOST SENSOR INPUT VOLTAGE LOW
07/28/2000 14:20:26	DDEC 2	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 34; PID: 102; FMI: 4; TURBO BOOST SENSOR INPUT VOLTAGE LOW
07/28/2000 14:18:24	DDEC 2	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 34; PID: 102; FMI: 4; TURBO BOOST SENSOR INPUT VOLTAGE LOW
07/28/2000 14:12:54	DDEC 2	Vehicle Speed Limit	Tamper Alert on VEHICLE SPEED LIMIT! Value changed from 70 mph to 80 mph.
07/28/2000 14:05:41	DDEC 2	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 34; PID: 102; FMI: 4; TURBO BOOST SENSOR INPUT VOLTAGE LOW
07/24/2000 20:11:00	DDEC 1	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 82; PID: 98; FMI: 4; OIL LEVEL SENSOR INPUT VOLTAGE LOW
07/24/2000 18:01:03	DDEC 1	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 82; PID: 98; FMI: 4; OIL LEVEL SENSOR INPUT VOLTAGE LOW
07/24/2000 17:46:47	DDEC 1	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 82; PID: 98; FMI: 4; OIL LEVEL SENSOR INPUT VOLTAGE LOW
07/21/2000 11:07:33	DDEC 1	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 82; PID: 98; FMI: 4; OIL LEVEL SENSOR INPUT VOLTAGE LOW
07/21/2000 10:58:36	DDEC 2	Vehicle Speed Limit	Tamper Alert on VEHICLE SPEED LIMIT! Value changed from 70 mph to 80 mph.
07/13/2000 12:12:37	DDEC 2	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 34; PID: 102; FMI: 4; TURBO BOOST SENSOR INPUT VOLTAGE LOW
07/13/2000 12:12:28	DDEC 2	Vehicle Speed Limit	Tamper Alert on VEHICLE SPEED LIMIT! Value changed from 70 mph to 80 mph.
07/10/2000 15:55:16	DDEC 1	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 82; PID: 98; FMI: 4; OIL LEVEL SENSOR INPUT VOLTAGE LOW
05/25/2000 10:59:43	DDEC 2	Vehicle Speed Limit	Tamper Alert on VEHICLE SPEED LIMIT! Value changed from 70 mph to 80 mph.
05/24/2000 16:54:34	DDEC 2	Vehicle Speed Limit	Tamper Alert on VEHICLE SPEED LIMIT! Value changed from 70 mph to 80 mph.
05/22/2000 11:11:47	DDEC 2	Vehicle Speed Limit	Tamper Alert on VEHICLE SPEED LIMIT! Value changed from 70 mph to 80 mph.
05/22/2000 11:11:42	DDEC 2	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 34; PID: 102; FMI: 4; TURBO BOOST SENSOR INPUT VOLTAGE LOW
05/21/2000 17:11:49	DDEC 1	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 82; PID: 98; FMI: 4; OIL LEVEL SENSOR INPUT VOLTAGE LOW
05/21/2000 17:05:15	DDEC 2	Vehicle Speed Limit	Tamper Alert on VEHICLE SPEED LIMIT! Value changed from 70 mph to 80 mph.
05/21/2000 17:05:10	DDEC 2	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 34; PID: 102; FMI: 4; TURBO BOOST SENSOR INPUT VOLTAGE LOW

FIG. 4B

# FLEET MONITOR

## ■ Alerts

↳ Setup

↳ View

## ■ Parameters

↳ Setup

↳ View - Trans

↳ View - Date

## ■ Reprogramming

↳ Setup

↳ View

### Parameters - Setup

**1** Select Fleet  
MPSI DDEC Fleet

**2** Select Vehicle  
(All)

**3** Select Parameter Profile  
Click the "Select" button next to the parameter set that you wish to query.

**4** Submit Request  
Enter a description for this request, and then click the "Submit" button to query the selected vehicle(s).

### DDEC Engine Config **SELECT**

Parameter Name	Parameter Name	Parameter Name	Parameter Name
Air Temp TQ Limit	Cruise Control Enable	Cruise Set	ECM 128 Cylinder
Engine Series	Idle Speed RPM	Max Cruise Speed	Min Cruise Speed
Optimized Idle	Override	Shutdown	Software Version
Sys Active	Torque Reduction Factor	VSG Set RPM	VSS Enable
Vehicle Speed Enable	Vehicle Speed Limit		

### DDEC Engine Data **SELECT**

Parameter Name	Parameter Name	Parameter Name	Parameter Name
Air Inlet Temperature	Beginning of Injection	Boost	Byp Value
Coolant Temperature	ECM Volts	Engine Brake	Engine Brake Percentage
Engine RPM	Exhaust Temperature	Fuel Pressure	Fuel Temperature
ISD Driver Alert Mode	Idle Shutdown Status	Inject Pressure	Intake Air Temperature
Intercool Temperature	Knock Control	Knock Volts	Oil Pressure
Oil Temperature	PWM #1	Pulse Width	Shutdown
Speed Adjust	TPS Counts	TPS Percentage	Torque Reduction Factor
Turbo Speed	Vehicle Speed		

### DDEC Engine Info **SELECT**

Parameter Name	Parameter Name	Parameter Name	Parameter Name
Active Codes	Air Filter RS	Air Inlet	Air Temp TQ Limit
Alarm	Ambient Air Temperature	Barometric Pressure	Barometric Pressure
Cool Level	Coolant Pressure	Crankcase Pressure	Cruise Set
Engine Governor	Engine Load Percentage	Engine Series	Ext Pump Pressure
Half Engine Mode Status	Idle Shutdown State	Inactive Codes	Inj Pump Usage
Oil Filter RS	Oil Level	Oil Level	Override
SRS Received	Seq Turbo	Start Relay	T-Stat
Torque	Torque	VSG Counts	VSG Set RPM

### DDEC Odometer Only **SELECT**

Parameter Name	Parameter Name	Parameter Name	Parameter Name
Total Odometer			

FIG. 5A

# FLEET MONITOR

■ Alerts

↳ Setup

↳ View

■ Parameters

↳ Setup

↳ View - Trans

↳ View - Date

■ Reprogramming

↳ Setup

↳ View

## Parameters - View by Transaction

**1** Select Transaction  
Select the transaction you wish to view. Transactions are listed in reverse date order.

**2** View Results  
The results for the selected transaction are shown below.

Transaction Description	Submitted By	Submitted On	Param Profile Requested	
DDEC Odometer Only for DDEC 1	bcarl	08/11/2000 05:23:57 PM	DDEC Odometer Only	<b>SELECT</b>
DDEC Engine Config for DDEC 1	bcarl	08/11/2000 05:23:32 PM	DDEC Engine Config	<b>SELECT</b>
DDEC Engine Config for DDEC 1	bcarl	08/11/2000 05:23:11 PM	DDEC Engine Config	<b>SELECT</b>
DDEC Trip Data for DDEC 2	bcarl	08/11/2000 05:12:30 PM	DDEC Trip Data	<b>SELECT</b>
DDEC Engine Config for DDEC 1	bcarl	08/11/2000 05:12:10 PM	DDEC Engine Config	<b>SELECT</b>
DDEC Trip Data for MPSI DDEC Fleet	bcarl	08/11/2000 05:11:02 PM	DDEC Trip Data	<b>SELECT</b>
DDEC 1 new config 2	bcarl	08/10/2000 04:05:32 PM	DDEC Engine Config	<b>SELECT</b>
DDEC 1 new config	bcarl	08/10/2000 04:04:47 PM	DDEC Engine Config	<b>SELECT</b>
DDEC Engine Config for DDEC 2	bcarl	08/08/2000 02:58:39 PM	DDEC Engine Config	<b>SELECT</b>
DDEC Engine Info for DDEC 2	schang	08/08/2000 07:51:31 AM	DDEC Engine Info	<b>SELECT</b>
DDEC Total Engine for MPSI DDEC Fleet	guest	08/02/2000 11:32:06 PM	DDEC Total Engine	<b>SELECT</b>
DDEC Engine Config for DDEC 2	bcarl	08/02/2000 09:17:44 AM	DDEC Engine Config	<b>SELECT</b>
DDEC Engine Config for DDEC 1	bcarl	08/02/2000 09:17:32 AM	DDEC Engine Config	<b>SELECT</b>
DDEC Engine Config for MPSI DDEC Fleet	bcarl	08/02/2000 09:17:18 AM	DDEC Engine Config	<b>SELECT</b>
Mack Engine Info for Mack 2	bcarl	08/02/2000 09:16:42 AM	Mack Engine Info	<b>SELECT</b>
DDEC Engine Config for DDEC 2	bcarl	08/02/2000 09:01:21 AM	DDEC Engine Config	<b>SELECT</b>
my description for this request	guest	08/01/2000 03:31:20 PM	DDEC Engine Config	<b>SELECT</b>
DDEC Engine Config for DDEC 2	bcarl	07/28/2000 02:01:43 PM	DDEC Engine Config	<b>SELECT</b>
DDEC Engine Config for DDEC 2	bcarl	07/28/2000 02:01:31 PM	DDEC Engine Config	<b>SELECT</b>
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 01:51:22 PM	DDEC Engine Config	<b>SELECT</b>
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 01:49:22 PM	DDEC Engine Config	<b>SELECT</b>
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 01:48:43 PM	DDEC Engine Config	<b>SELECT</b>
Mack Engine Info for Mack 1	bcarl	07/28/2000 01:33:35 PM	Mack Engine Info	<b>SELECT</b>
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 01:33:05 PM	DDEC Engine Config	<b>SELECT</b>
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 01:31:18 PM	DDEC Engine Config	<b>SELECT</b>
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 01:28:58 PM	DDEC Engine Config	<b>SELECT</b>
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 01:25:58 PM	DDEC Engine Config	<b>SELECT</b>
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 01:24:16 PM	DDEC Engine Config	<b>SELECT</b>
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 10:37:55 AM	DDEC Engine Config	<b>SELECT</b>
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 10:34:52 AM	DDEC Engine Config	<b>SELECT</b>
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 10:33:33 AM	DDEC Engine Config	<b>SELECT</b>
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 10:25:34 AM	DDEC Engine Config	<b>SELECT</b>

FIG. 5B



000T8053201960

F16-3C

# FLEET MONITOR

- Alerts
- Setup
- View
- Parameters
- Setup
- View - Trans
- View - Date
- Reprogramming
- Setup
- View

## Parameters - View by Transaction

### 1 Select Transaction

DDEC Trip Data for Werner Fleet 3

### 2 View Results

The results for the selected transaction are shown below.

520

## Transaction details:

Description: DDEC Trip Data for Werner Fleet 3

Data Profile Requested: DDEC Trip Data

Submitting user: werner

Submit date/time: 08/12/2000 10:38:03 AM

Last response at: 08/12/2000 05:50:26 PM

524

Vehicle Unit ID	Trip Average Fuel Economy	Trip Avg Fuel Economy	Trip Cruise Time	Trip Distance	Trip Driving Avg Load	Trip Engine Brake Time	Trip Engine Time	Trip Fuel Used	Trip Idle Fuel Used	Trip Idle Time	Trip Opt Idle Fuel Savings	Trip Opt Idle Time Savings	Trip VSG Fuel Used	Trip VSG Time
31481	4.8 GPH	6.3 MPG	29.1 HR	2611.9 mi	44 %	1.5 HR	86.1 HR	414.1 GAL	29.3 GAL	40.7 HR	N/A	N/A HR	28.0 GAL	38.1 HR
31541	5.0 GPH	5.8 MPG	66.9 HR	6063.5 mi	46 %	4.3 HR	208.2 HR	1035.0 GAL	71.4 GAL	101.3 HR	N/A	N/A HR	68.8 GAL	96.5 HR
31556	6.3 GPH	6.3 MPG	27.9 HR	2938.4 mi	45 %	1.1 HR	74.1 HR	468.5 GAL	16.8 GAL	23.8 HR	N/A	N/A HR	14.6 GAL	19.5 HR
31557	3.6 GPH	5.9 MPG	9.6 HR	1218.8 mi	39 %	0.4 HR	56.5 HR	206.0 GAL	20.4 GAL	31.4 HR	N/A	N/A HR	18.0 GAL	26.4 HR
31632	5.3 GPH	6.3 MPG	15.9 HR	3106.7 mi	43 %	3.5 HR	92.8 HR	494.0 GAL	28.1 GAL	37.6 HR	N/A	N/A HR	27.6 GAL	36.3 HR
31635	3.9 GPH	5.8 MPG	13.7 HR	1693.5 mi	45 %	1.3 HR	74.8 HR	289.9 GAL	22.9 GAL	44.0 HR	N/A	N/A HR	20.9 GAL	40.9 HR
31636	4.3 GPH	6.4 MPG	8.0 HR	951.4 mi	42 %	0.7 HR	34.3 HR	148.8 GAL	12.6 GAL	17.8 HR	N/A	N/A HR	12.3 GAL	17.0 HR
31637	4.0 GPH	5.3 MPG	9.6 HR	1923.6 mi	47 %	0.7 HR	91.2 HR	360.9 GAL	40.9 GAL	56.8 HR	N/A	N/A HR	39.9 GAL	55.0 HR
31638	6.3 GPH	7.3 MPG	50.4 HR	3760.0 mi	40 %	0.6 HR	81.4 HR	515.1 GAL	8.5 GAL	13.0 HR	N/A	N/A HR	7.6 GAL	11.4 HR
31639	4.7 GPH	6.7 MPG	15.3 HR	2906.4 mi	42 %	0.1 HR	92.3 HR	435.3 GAL	21.4 GAL	42.0 HR	N/A	N/A HR	19.6 GAL	39.1 HR
31642	3.8 GPH	5.1 MPG	15.5 HR	1675.2 mi	50 %	0.0 HR	85.1 HR	326.5 GAL	33.1 GAL	55.3 HR	N/A	N/A HR	31.8 GAL	52.8 HR

## FLEET MONITOR

■ Alerts  
 ↳ Setup  
 ↳ View

■ Parameters  
 ↳ Setup  
 ↳ View - Trans  
 ↳ View - Date

■ Reprogramming  
 ↳ Setup  
 ↳ View

### Reprogramming - Setup

① Select Fleet  
 Werner Fleet 3

② Select Parameter  
 Vehicle Speed Limit

③ Enter values  
 Indicate new settings (without units) for each vehicle in the fields provided. If a vehicle has no entry box, then it cannot be reprogrammed for the selected parameter.

For Available Settings for Enumerated Reprogramable Parameters [Click here](#)

Vehicle Unit ID	Description	Current Setting	New Setting
31457	Freightliner Classic XL 2000	66 mph	<input type="text"/>
31481	Freightliner Classic XL 2000	66 mph	<input type="text"/>
31541	Freightliner Classic XL 2000	66 mph	<input type="text"/>
31542	Freightliner Classic XL 2000	66 mph	<input type="text"/>
31556	Freightliner Classic XL 2000	65 mph	<input type="text"/>
31557	Freightliner Classic XL 2000	66 mph	<input type="text"/>
31589	Freightliner Classic XL 2000	64 mph	<input type="text"/>
31599	Freightliner Classic XL 2000	Unknown	<input type="text"/>
31632	Freightliner Classic XL 2000	64 mph	<input type="text"/>
31635	Freightliner Classic XL 2000	66 mph	<input type="text"/>
31636	Freightliner Classic XL 2000	64 mph	<input type="text"/>
31637	Freightliner Classic XL 2000	65 mph	<input type="text"/>
31638	Freightliner Classic XL 2000	65 mph	<input type="text"/>
31639	Freightliner Classic XL 2000	65 mph	<input type="text"/>
31642	Freightliner Classic XL 2000	65 mph	<input type="text"/>

Submit

FIG. 6A

# FLEET MONITOR

■ Alerts

↳ Setup

↳ View

■ Parameters

↳ Setup

↳ View - Trans

↳ View - Date

■ Reprogramming

↳ Setup

↳ View

## Reprogramming - View

① Select Fleet  
Werner Fleet 3

② Select Vehicle  
All Vehicles

③ Select  
Parameter/Status  
Vehicle Speed Limit

④ View Results  
The results of your query are shown below. The records are ordered by vehicle, then parameter.

Vehicle	Parameter	Submit Date/Time	Current	Requested	Status
31457	Vehicle Speed Limit	08/14/2000 06:17:11	66 mph	65	Sending
31481	Vehicle Speed Limit	08/14/2000 06:17:11	66 mph	65	Message Sent to Vehicle. (12/31/1999 20:01:01)
31541	Vehicle Speed Limit	08/14/2000 06:17:12	66 mph	65	Pending (08/14/2000 06:24:34) Sending
31542	Vehicle Speed Limit	08/14/2000 06:17:12	66 mph	65	Ok (08/13/2000 20:53:33)
31556	Vehicle Speed Limit	08/14/2000 06:17:12	65 mph	65	Ok (08/14/2000 13:11:12)
31557	Vehicle Speed Limit	08/14/2000 06:17:12	66 mph	66	Ok (08/14/2000 13:11:12)
31589	Vehicle Speed Limit	08/14/2000 06:17:12	64 mph	66	Message Sent to Vehicle. (12/31/1999 20:01:01)
31599	Vehicle Speed Limit	08/14/2000 06:17:12	Unknown	66	Message Sent to Vehicle. (12/31/1999 20:01:01)
31632	Vehicle Speed Limit	08/14/2000 06:17:12	64 mph	66	Pending (08/14/2000 07:45:27)
31635	Vehicle Speed Limit	08/14/2000 06:17:12	66 mph	66	Ok (08/14/2000 12:36:39)
31636	Vehicle Speed Limit	08/14/2000 06:17:12	64 mph	65	Message Sent to Vehicle. (12/31/1999 20:01:01)
31637	Vehicle Speed Limit	08/14/2000 06:17:12	65 mph	65	Ok (08/14/2000 14:05:18)
31638	Vehicle Speed Limit	08/14/2000 06:17:12	65 mph	65	Ok (08/14/2000 09:23:07)
31639	Vehicle Speed Limit	08/14/2000 06:17:12	65 mph	65	Ok (08/14/2000 11:55:48)
31642	Vehicle Speed Limit	08/14/2000 06:17:12	65 mph	65	Message Sent to Vehicle. (12/31/1999 20:01:01)

Fig. 6B

09640785, 081800

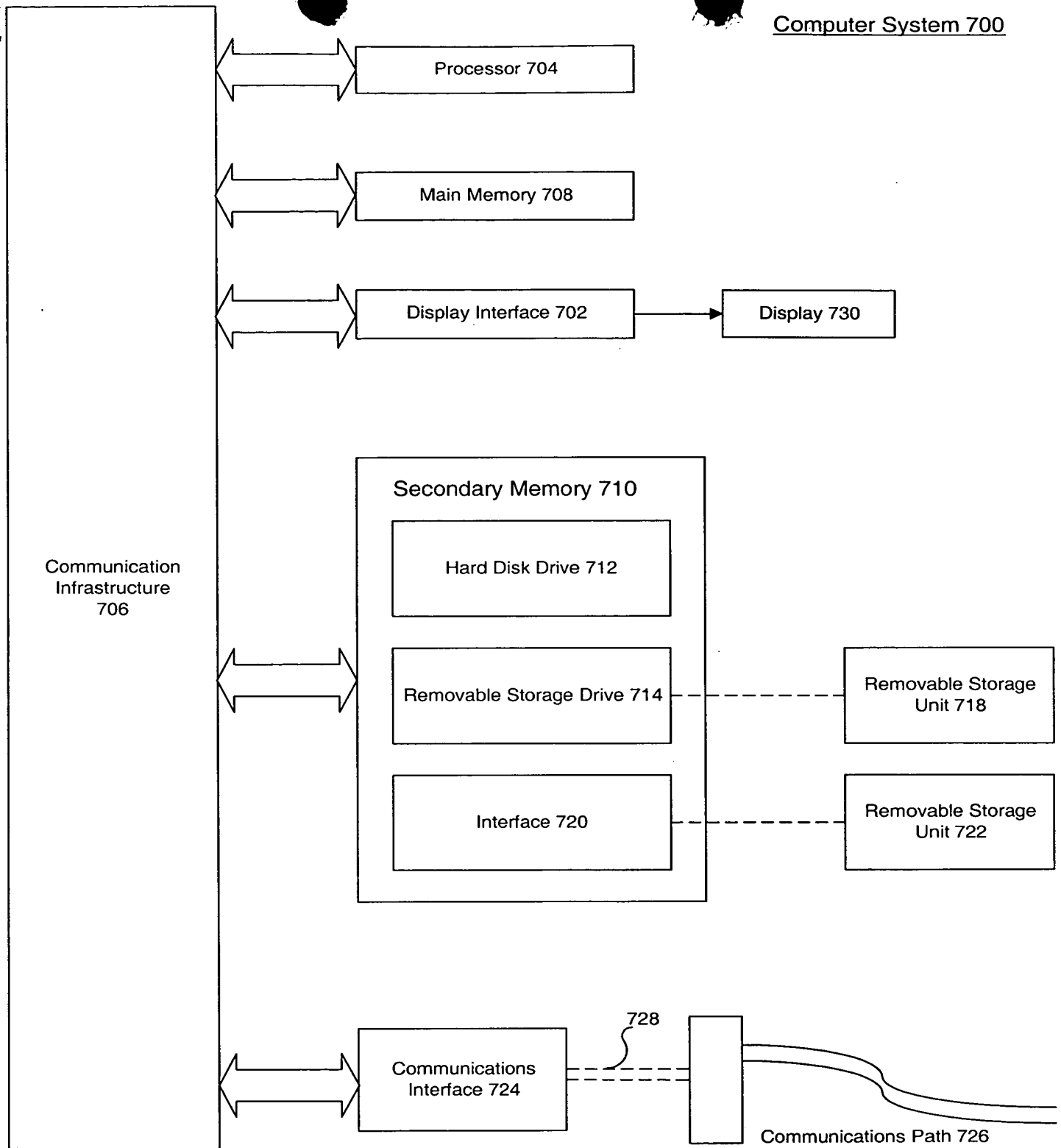


FIG. 7